



L3 ANSWER 235 OF 693 CA COPYRIGHT 2005 ACS on STN  
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TI **Cementitious** compositions for underwater constructions  
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PA Ssangyong Cement Industrial Co., Ltd., S. Korea  
SO Repub. Korea, No pp. given  
CODEN: KRXXFC  
DT Patent  
LA Korean  
IC ICM C04B024-18  
ICS C04B016-02  
CC 58-3 (Cement, Concrete, and Related Building Materials)  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	KR 9508587	B1	19950803	KR 1992-21274	19921113
	KR 9510000	B1	19950904	KR 1995-15485	19950613
PRAI	KR 1992-21274	A3	19921113		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
KR 9508587	ICM	C04B024-18
	ICS	C04B016-02

AB The **cement** compns. for underwater constructions are composed of **cement** 100, active slag fine particles 25-67, nonionic **cellulose ether thickener** 0.5-2.5, melamine sulfonic acid or triazine **plasticizer** 0.6-5.0, and antifoaming agent 0.04-0.5 weight parts. The active slag fine powder has a sp. surface area of 4000-5000 cm<sup>2</sup>/g. The thickener is selected from hydroxy Pr Me **cellulose**, hydroxy Et **cellulose**, hydroxy Et Me **cellulose**, hydroxy Et Et **cellulose**, or Me **cellulose**, and has 8000-50000 cP viscosity in the 2% aqueous solution at 2000.

ST mortar **cement** underwater concrete construction  
IT Antifoaming agents

**Cement** (construction material)  
Mortar

(**cementitious** compns. f